

In the claims:

Following is a complete set of claims as amended with this Response.

1. (Currently Amended) A method comprising:

detecting the presence of a portable radio device within range of a radio frequency communications link; and

sending a message to the portable radio device using the radio frequency communications link to cause the portable radio device to instruct a user of the portable radio device to change an internal setting of the portable radio device;

waiting for a time interval; and

determining whether the user has changed the internal setting; and

sending a second message command to the portable radio device using the radio frequency communications link to change an internal setting of the portable radio device if the user has not changed the internal setting.

2. (Original) The method of Claim 1, wherein the internal setting comprises at least one of a text message, an audio message, a video message, power down, ringer off, and ringer volume adjust.

3. (Original) The method of Claim 1, wherein detecting comprises:

broadcasting a query command using the radio communications link; and

receiving an identification message from the portable radio device over the radio communications link; and

wherein sending comprises sending the command including the identification.

4. (Currently Amended) The method of Claim 1, ~~further comprising before sending the command:~~

~~sending a message to the portable radio device to cause the portable radio device to instruct a user of the portable radio device to change the internal setting of the portable radio device;~~

~~waiting for a time interval; and~~

~~determining whether the user has changed the internal setting; and~~

wherein sending the second message comprises sending a command to change the user setting independent of the user ~~the command if the user has not changed the internal setting.~~

5. (Original) The method of Claim 4, wherein the internal setting comprises a power on/off setting, wherein determining comprises determining whether the portable radio device power has been set to off, and wherein sending the command comprises sending a command to the portable radio device to power down.

6. (Currently Amended) The method of Claim 1 ~~Claim 4~~, wherein sending a message comprises at least one of sending a text message, sending an audio message, and simulating a call.

7. (Currently Amended) A machine-readable medium having stored thereon data representing instructions which, when executed by a machine, cause the machine to perform operations comprising:

sending a message to the portable radio device using the radio frequency communications link to cause the portable radio device to instruct a user of the portable radio device to change an internal setting of the portable radio device;

waiting for a time interval; and

determining whether the user has changed the internal setting; and

sending a second message ~~command~~ to the portable radio device using the radio frequency communications link to change an internal setting of the portable radio device if the user has not changed the internal setting.

8. (Original) The medium of Claim 7, wherein the internal setting comprises at least one of a text message, an audio message, a video message, power down, ringer off, and ringer volume adjust.

9. (Original) The medium of Claim 7, wherein the instructions for detecting comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising:

broadcasting a query command using the radio communications link; and
receiving an identification message from the portable radio device over the radio communications link; and

wherein sending comprises sending the command including the identification.

10. (Currently Amended) The medium of Claim 7, further comprising instructions which, when executed by the machine, cause the machine to perform further operations ~~before sending the command~~ comprising:

~~sending a message to the portable radio device to cause the portable radio device to instruct a user of the portable radio device to change the internal setting of the portable radio device;~~

~~waiting for a time interval; and~~

~~determining whether the user has changed the internal setting; and~~

wherein sending the second message comprises sending a command to change the user setting independent of the user ~~the command if the user has not changed the internal setting.~~

11. (Original) The medium of Claim 10, wherein the internal setting comprises a power on/off setting, wherein the instructions for determining comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising determining whether the portable radio device power has been set to off, and wherein the instructions for sending the command comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising sending a command to the portable radio device to power down.

12. (Currently Amended) The medium of Claim 7 ~~Claim 10~~, wherein the instructions for sending a message comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising at least one of sending a text message, sending an audio message, and simulating a call.

13. (Currently Amended) A control station comprising:

a transceiver to establish a radio frequency communications link;

a memory to store commands for changing an internal setting of a portable radio device; and

a processor coupled to the memory to cause the presence of a portable radio device within range of the radio frequency communications link to be detected, to cause a message to be sent to the portable radio device using the radio frequency communications link to cause the portable radio device to instruct a user of the portable radio device to change an internal setting of the portable radio device, to wait for a time interval, to determine whether the user has changed the internal setting, and to cause a second message command to be sent to the detected portable radio device using the radio frequency communications link to change an internal setting of the portable radio device if the user has not changed the internal setting.

14. (Original) The station of Claim 13, wherein the internal setting comprises at least one of a text message, an audio message, a video message, power down, ringer off, and ringer volume adjust.

15. (Original) The station of Claim 13, wherein the detecting is accomplished by:

broadcasting a query command using the radio communications link; and

receiving an identification message from the portable radio device over the radio communications link; and

wherein the command is sent with the received identification.

16. (Original) The station of Claim 13, wherein the message comprises at least one of a text message, an audio message, and a simulated call.

17. (Currently Amended) A control station comprising:

an antenna:

a transceiver coupled to the antenna to establish a radio frequency communications link through the antenna;

a memory to store commands for changing an internal setting of a portable radio device; and

a processor coupled to the memory to cause the presence of a portable radio device within range of the radio frequency communications link to be detected, to cause a message to be sent to the portable radio device using the radio frequency communications link to cause the portable radio device to instruct a user of the portable radio device to change an internal setting of the portable radio device, to wait for a time interval, to determine whether the user has changed the internal setting, and to cause a second message command to be sent to the detected portable radio device using the radio frequency communications link to change an internal setting of the portable radio device if the user has not changed the internal setting.

18. (Original) The station of Claim 17, wherein the internal setting comprises at least one of a text message, an audio message, a video message, power down, ringer off, and ringer volume adjust.

19. (Original) The station of Claim 17, wherein the detecting is accomplished by:

broadcasting a query command using the radio communications link; and

receiving an identification message from the portable radio device over the radio communications link; and

wherein the command is sent with the received identification.

20. (Original) The station of Claim 17, wherein the message comprises at least one of a text message, an audio message, and a simulated call.

21. (Currently Amended) A method comprising:

detecting the presence of a control station within range of a radio frequency communications link;

receiving a message from the control station using the radio frequency communications link to instruct a user to change the internal setting;

waiting for a time interval; and

determining whether the user has changed the internal setting; and

receiving a second message command from the control station using the radio frequency communications link to change an internal setting if the user has not changed the internal setting; and

~~executing the received command.~~

22. (Original) The method of Claim 21, wherein the internal setting comprises at least one of a text message, an audio message, a video message, power down, ringer off, and ringer volume adjust.

23. (Original) The method of Claim 21, wherein detecting comprises:

receiving a broadcast query command from the control station over the radio communications link; and

sending an identification message to the control station over the radio communications link; and

wherein receiving comprises receiving the command including the identification.

24. (Currently Amended) The method of Claim 21, wherein the second message comprises a command, the method further comprising before receiving the command:

~~receiving a message from the control station to instruct a user to change the internal setting;~~

~~waiting for a time interval; and~~

~~determining whether the user has changed the internal setting; and~~

~~wherein executing the command comprises executing the command if the user has not changed the internal setting.~~

25. (Original) The method of Claim 24, wherein the internal setting comprises a power on/off setting, wherein determining comprises determining whether the power has been set to off, and wherein receiving the command comprises receiving a command to power down.

26. (Original) The method of Claim 24, wherein receiving a message comprises at least one of receiving a text message, receiving an audio message, and simulating a call.

27. (Currently Amended) A machine-readable medium having stored thereon data representing instructions which, when executed by a machine, cause the machine to perform operations comprising:

detecting the presence of a control station within range of a radio frequency communications link;

receiving a message from the control station using the radio frequency communications link to instruct a user to change the internal setting;

waiting for a time interval; and

determining whether the user has changed the internal setting; and

receiving a second message ~~command~~ from the control station using the radio frequency communications link to change an internal setting if the user has not changed the internal setting; and

~~executing the received command.~~

28. (Original) The medium of Claim 27, wherein the internal setting comprises at least one of a text message, an audio message, a video message, power down, ringer off, and ringer volume adjust.

29. (Original) The medium of Claim 27, wherein the instructions for detecting comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising :

receiving a broadcast query command from the control station over the radio communications link; and

sending an identification message to the control station over the radio communications link; and

wherein the instructions for receiving comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising receiving the command including the identification.

30. (Currently Amended) The medium of Claim 27, wherein the second message comprises a command, the medium further comprising instructions which, when executed by the machine, cause the machine to perform further operations ~~before receiving the command comprising:~~

~~receiving a message from the control station to instruct a user to change the internal setting;~~

~~waiting for a time interval; and~~

~~determining whether the user has changed the internal setting; and~~

~~wherein receiving comprises receiving executing the command if the user has not changed the internal setting.~~

31. (Original) The medium of Claim 27, wherein the message comprises at least one of a text message, an audio message, and simulating a call.

32. (Currently Amended) A portable radio device comprising:

a transceiver to establish a radio frequency communications link with a control station and to receive commands over the radio frequency communication link from the control station;

a memory to store the commands for changing an internal setting; and

a processor coupled to the memory to cause a user to be instructed to change an internal setting of the control station based on a first command, to wait for a time interval,

to determine whether the user has changed the internal setting, and if the user has not changed the internal setting, to cause the an internal setting to be changed upon receiving a second command over using the radio frequency communications link from the control station to change the an internal setting.

33. (Original) The device of Claim 32, wherein the internal setting comprises at least one of a text message, an audio message, a video message, power down, ringer off, and ringer volume adjust.

34. (Original) The device of Claim 32, wherein the processor further causes the mobile radio station to register with a control station by:

receiving a query command from the control station through the transceiver; and
sending an identification message to the control station; and
wherein the received command includes the sent identification.

35. (Original) The device of Claim 32, wherein the received command comprises at least one of a text message, an audio message, and a simulated call.

36. (Currently Amended) A portable radio device comprising:

an antenna:

a transceiver coupled to the antenna to establish a radio frequency communications link through the antenna with a control station and to receive commands over the radio frequency communication link from the control station;

a memory to store the commands for changing an internal setting; and

a processor coupled to the memory to cause a user to be instructed to change an internal setting of the control station based on a first command, to wait for a time interval, to determine whether the user has changed the internal setting, and if the user has not changed the internal setting, to cause the an internal setting to be changed upon receiving a second command over using the radio frequency communications link from the control station to change the an internal setting.

37. (Original) The device of Claim 36, wherein the internal setting comprises at least one of a text message, an audio message, a video message, power down, ringer off, and ringer volume adjust.

38. (Original) The device of Claim 36, wherein the processor further causes the mobile radio station to register with a control station by:

receiving a query command from the control station through the transceiver; and

sending an identification message to the control station; and

wherein the received command includes the sent identification.

39. (Original) The device of Claim 36, wherein the received command comprises at least one of a text message, an audio message, and a simulated call.

40. -92 (Cancelled)

93. (New) The method of Claim 1, wherein the radio frequency communications link is an out of band channel.

94. (New) The method of Claim 1, further comprising establishing a connection with an external device over the radio frequency communications link.

95. (New) The method of Claim 94, wherein the external device is a public switched telephone network.

96. (New) The method of Claim 94, wherein the external device is a base station for in band communications.

97. (New) The method of Claim 96, wherein establishing a connection comprises establishing a connection to a remote radio transceiver in communication with the base station.

98. (New) The method of Claim 1, wherein the first message is to simulate a telephone call to the user with a voice message to instruct the user to change the internal setting.

99. (New) The method of Claim 3, wherein receiving an identification message comprises receiving a capabilities and status report from the portable radio device and wherein sending the first message comprises sending a message based on the capabilities and status report.

100. (New) The method of Claim 99, wherein sending the first message comprises sending a video message if the status report indicates that the portable radio device is not in a call.

101. (New) The method of Claim 99, wherein sending the first message comprises sending an audio message if the status report indicates that the portable radio device is in a call.

102. (New) The method of Claim 1, wherein determining whether the user has changed the internal setting comprises sending a status query to the portable radio device.

103. (New) The medium of Claim 7, wherein the radio frequency communications link is an out of band channel.

104. (New) The medium of Claim 7, further comprising instructions which, when executed by the machine, cause the machine to perform further operations comprising establishing a connection with an external device over the radio frequency communications link.

105. (New) The medium of Claim 104, wherein the external device is a public switched telephone network.

106. (New) The medium of Claim 104, wherein the external device is a base station for in band communications.

107. (New) The medium of Claim 106, wherein the instructions for establishing a connection comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising establishing a connection to a remote radio transceiver in communication with the base station.

108. (New) The medium of Claim 7, wherein the first message is to simulate a telephone call to the user with a voice message to instruct the user to change the internal setting.

109. (New) The medium of Claim 9, wherein the instructions for receiving an identification message comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising receiving a capabilities and

status report from the portable radio device and wherein the instructions for sending the first message comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising sending a message based on the capabilities and status report.

110. (New) The medium of Claim 109, wherein the instructions for sending the first message comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising sending a video message if the status report indicates that the portable radio device is not in a call.

111. (New) The medium of Claim 109, wherein the instructions for sending the first message comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising sending an audio message if the status report indicates that the portable radio device is in a call.

112. (New) The medium of Claim 7, wherein the instructions for determining whether the user has changed the internal setting comprise instructions which, when executed by the machine, cause the machine to perform further operations comprising sending a status query to the portable radio device.

113. (New) The station of Claim 13, wherein the radio frequency communications link is an out of band channel.

114. (New) The station of Claim 13, further comprising:

an external communications interface to establish a connection to an identified external device; and

a bus to couple data between the transceiver and the external communications interface,

wherein the processor is further to establish a connection with the external device through the external communications interface and to couple the portable radio device to the established connection over the radio frequency communications link.

115. (New) The station of Claim 114, wherein the external device is a public switched telephone network and the external communications interface is a telephony modem.

116. (New) The station of Claim 114, wherein the external device is a base station for in band communications and the external communications interface communicates with the base station using in band communications.

117. (New) The station of Claim 116, wherein establishing a connection comprises establishing a connection to a remote radio transceiver in communication with the base station.

118. (New) The station of Claim 13, wherein the first message is to simulate a telephone call to the user with a voice message to instruct the user to change the internal setting.

119. (New) The station of Claim 15, wherein receiving an identification message comprises receiving a capabilities and status report from the portable radio device and wherein sending the first message comprises sending a message based on the capabilities and status report.

120. (New) The station of Claim 119, wherein sending the first message comprises sending a video message if the status report indicates that the portable radio device is not in a call.

121. (New) The station of Claim 119, wherein sending the first message comprises sending an audio message if the status report indicates that the portable radio device is in a call.

122. (New) The station of Claim 13, wherein determining whether the user has changed the internal setting comprises sending a status query to the portable radio device.

123. (New) The station of Claim 17, wherein the radio frequency communications link is an out of band channel.

124. (New) The station of Claim 17, further comprising:
an external communications interface to establish a connection to an identified external device; and

a bus to couple data between the transceiver and the external communications interface,

wherein the processor is further to establish a connection with the external device through the external communications interface and to couple the portable radio device to the established connection over the radio frequency communications link.

125. (New) The station of Claim 124, wherein the external device is a public switched telephone network and the external communications interface is a telephony modem.

126. (New) The station of Claim 124, wherein the external device is a base station for in band communications and the external communications interface communicates with the base station using in band communications.

127. (New) The station of Claim 126, wherein establishing a connection comprises establishing a connection to a remote radio transceiver in communication with the base station.

128. (New) The station of Claim 17, wherein the first message is to simulate a telephone call to the user with a voice message to instruct the user to change the internal setting.

129. (New) The station of Claim 19, wherein receiving an identification message comprises receiving a capabilities and status report from the portable radio device and wherein sending the first message comprises sending a message based on the capabilities and status report.

130. (New) The station of Claim 129, wherein sending the first message comprises sending a video message if the status report indicates that the portable radio device is not in a call.

131. (New) The station of Claim 129, wherein sending the first message comprises sending an audio message if the status report indicates that the portable radio device is in a call.

132. (New) The station of Claim 17, wherein determining whether the user has changed the internal setting comprises sending a status query to the portable radio device.

133. (New) The method of Claim 21, wherein the radio frequency communications link is an out of band channel.

134. (New) The method of Claim 21, further comprising:
sending a message to the control station on an out of band channel, the message indicating an identification, a request to make an external connection, and an identification of an external device with which to connect;

receiving a message that a connection to the identified external device has been established; and

coupling to the external device using an out of band channel to the control station and the established connection.

135. (New) The method of Claim 134, wherein the external device is a public switched telephone network.

136. (New) The method of Claim 134, wherein the external device is a base station for in band communications.

137. (New) The method of Claim 136, wherein the connection to the identified external device comprises a connection to a remote radio transceiver in communication with the base station.

138. (New) The method of Claim 21, further comprising simulating a telephone call to the user with a voice message to instruct the user to change the internal setting based on the first message.

139. (New) The method of Claim 23, wherein sending an identification message comprises sending a capabilities and status report and wherein receiving the first message comprises receiving a message based on the capabilities and status report.

140. (New) The method of Claim 139, further comprising displaying a video message based on the first message if the status report indicates that the user is not in a call.

141. (New) The method of Claim 139, further comprising playing an audio message based on the first message if the status report indicates that the user is in a call.

142. (New) The method of Claim 27, further comprising simulating a telephone call to the user with a voice message to instruct the user to change the internal setting based on the first message.

143. (New) The method of Claim 29, wherein sending an identification message comprises sending a capabilities and status report and wherein receiving the first message comprises receiving a message based on the capabilities and status report.

144. (New) The method of Claim 143, further comprising displaying a video message based on the first message if the status report indicates that the user is not in a call.

145. (New) The method of Claim 143, further comprising playing an audio message based on the first message if the status report indicates that the user is in a call.